

IN THE CLAIMS:

Please cancel Claims 1-3 and 7-13 without prejudice to or disclaimer of the subject matter recited therein.

Please amend Claims 4, 6, and 14 and add Claims 15-17 as follows.

Claims 1-3 (Cancelled)

4. (Currently Amended) An image data recording device, comprising:

common key generating means for generating a common key based on a print ID transferred from an image data processing device;

management means for managing the common key generated by said common key generating means and the print ID transferred from said image data processing device;

common key issue means for transmitting the common key generated by said common key generating means to said image data processing device;

common key obtaining means for obtaining the common key corresponding to the print ID from said management means when the print ID and print control data are transmitted from said image data processing device;

analyzing means for extracting encrypted print image data by analyzing a command of the print control data using the common key obtained by said common key obtaining means;

decryption means for decrypting the encrypted print image data extracted by said analyzing means using ~~the common a key obtained by said common key obtaining means~~ corresponding to the print ID; and

print means for recording the print image data decrypted by said decryption means ~~in~~ on a recording medium.

5. (Original) The apparatus according to claim 4, wherein said common key generating means generates the common key without regularity independent of a value of the print ID.

6. (Currently Amended) The apparatus according to claim 4, wherein said decryption means performs a decryption process using a conversion table generated using ~~the common~~ said key corresponding to the print ID.

Claims 7-13 (Cancelled)

14. (Currently Amended) A method for controlling an image data recording device, comprising the steps of:

generating a common key based on a print ID transferred from an image data processing device;

managing the generated common key and the print ID transferred from ~~said the~~ image data processing device;

transmitting the generated common key to ~~said the~~ image data processing device;

obtaining the common key corresponding to the print ID when the print ID and print control data are transmitted from ~~said the~~ image data processing device;

extracting encrypted print image data by analyzing a command of the print control data using the obtained common key;

decrypting the extracted, encrypted print image data using ~~the obtained common a~~ key obtained from the print ID; and

recording the decrypted print image data in a storage medium.

15. (New) The method according to claim 14, wherein
said common key generating step generates the common key without regularity
independent of a value of the print ID.

16. (New) The method according to claim 14, wherein
said decrypting step performs a decryption process using a conversion table
generated using the key obtained from the print ID.

17. (New) A program for controlling an image data recording system including an
image data processing device, comprising a plurality of program codes instructing the
image data recording system to perform the steps of:

generating a common key based on a print ID transferred from the image data
processing device;

managing the generated common key and the print ID transferred from the image
data processing device;

transmitting the generated common key to the image data processing device;

obtaining the common key corresponding to the print ID when the print ID and
print control data are transmitted from the image data processing device;

extracting encrypted print image data by analyzing a command of the print control
data using the obtained common key;

decrypting the extracted, encrypted print image data using a key obtained from the print ID; and

recording the decrypted print image data in a storage medium.